

NASA B200 King Air Flight Report

Date: March 17, 2008

Flight Number: R-125_L1

Approximate Flight times: 17:30-19:35 UT

Approximate Flight Duration: 2.5 hours

Objective(s): CALIPSO Validation, Checkout

Sensors: HSRL, digital camera, handheld camera

Significant Issues: None

Accomplishments: Overfly CALIPSO track toward SE from ~18:00-18:40 UT, then return along track 18:40-19:16 UT. Marine PBL clouds along CALIPSO track; no cirrus observed. Instrument adjustments occurred during first part of flight. Instruments and crew observed elevated aerosol layer with high depolarization during latter part of flight. Instruments performed well.

